

Technical Product Data Sheet

Saint-Gobain / h-old® H220



Saint-Gobain / h-old® H220 is a Kapton® film coated on both sides with high quality pressure sensitive silicone adhesive and protected by fluorosiliconized polyester liner. Designed for high temperature electrical and electronis applications where a thin, conformable backing combined with excellent dielectrical properties are required. NuClear (00) radiations resistant. Flame retardant (UL 510).

Nominal Values

Backing double-sided, Kapton®, Polyimide Film

Backing Thickness 0,025 mm

Adhesive Type | Silicone

Total Thickness 0,100 mm

Insulation Class H 180°C (DIN EN 60085, OANZ2 & OANZ8)

Color Brown (79)

Liner Fluorosiliconized Polyester

Adhesion to Steel (N/25mm) 6,75 N/25 mm

Tensile Strength 112,50 N/25 mm

Elongation at Break 35%

Breakdown Voltage (Veff VDE 0303) 7200 V

Electrolytic Corrosion 1

Rolling Ball Tack < 10 cm

Temperature Resistance +260°C, (short-term)

Length 33 m, other lengths upon request

Width 6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, 1000

mm, other widths upon request

Storage Life The material can be stored at room temperature for at least 6 months.

Effective 29 March 2021



We provide the technical data of our products to the best of our knowledge, but without obligation. Due to the wide range of material and environmental influences, we recommend a suitability test on original products prior to use. Please also note the standard processing guidelines for adhesive tapes, which we will gladly send you upon request.











DE-79227 Schallstadt



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Applications

- Printed circuits board assembly
- Flexible circuits

Benefits

- Very high temperature resistance
- Good chemical and solvent resistance

Storage Conditions

The Rolls should be stored in their packaging protected from light and at a temperature between 15°C to 24°C, with a relative humidity of 50% +/- 30%. When using an adhesive tape stored below 15°C, it is advisable to keep the tape at room temperature for 24 hours to preserve its characteristics.

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